



2634#3  
1/24  
2-04-03

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re Application of

Bender, et al.

Serial No.: 09/803,234

Filed: 03/08/2001

)  
) For: METHOD AND APPARATUS  
) FOR TRACKING SIGNALS IN A  
) WIRELESS COMMUNICATION  
) SYSTEM  
)  
) Group Art Unit: 2634

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR § 1.97(c)**

**RECEIVED**

Asst. Commissioner for Patents  
Washington, D.C. 20231

JAN 29 2003  
Technology Center 2600

Dear Sir:

Applicants submit the enclosed information in accordance with a duty to disclose information under 37 CFR § 1.56.

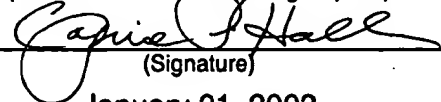
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231, on:

January 21, 2003

(Date of Deposit)

Caprice P. Hall

(Name of the Person Making Deposit)

  
(Signature)

January 21, 2003

(Date of Signature)

In accordance with 37 CFR § 1.98 submitted herewith for consideration by the Examiner are the patents, publications and other information shown on the attached PTO-1449.

The citation of these references is not intended to constitute an admission that any reference referred to herein is prior art to the invention of this application unless specifically designated as such.

The filing of this document shall not be construed to mean that any search has been made or, that if made, such search was complete or exhaustive, or that no other material information as defined in 37 CFR § 1.56 exists.

A list of the references cited herein is set forth on Form PTO-1449 which is enclosed herewith in duplicate along with a copy of each cited reference. Applicants respectfully request that the Examiner return to Applicants the enclosed copy of the Form PTO-1449 indicating consideration of the references.

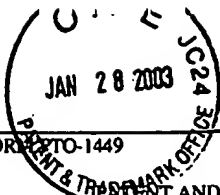
☒ The undersigned hereby certifies that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

Respectfully submitted,

Dated: January 21, 2003

By: Sandra L. Godsey  
Sandra L. Godsey  
Attorney for Applicants  
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QUALCOMM Incorporated  
5775 Morehouse Drive  
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San Diego, California 92121-1714  
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FORM PTO-1449 (REV. 7-80)  INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)  DATE MAILED: January 21, 2003	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO.  000421	SERIAL NO.  09/803,234
	APPLICANT Bender, et al.		
	FILING DATE 03/08/2001	GROUP 2634	

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPRO- PRIATE
<i>4/5</i>	A1	5 9 3 0 2 8 8	07/27/1999	Eberhardt	375	200	12/20/1996
<i>9/5</i>	A2	6 0 9 7 9 7 2	08/01/2000	Saints, et al.	455	572	08/29/1997
	A3						
	A4						
	A5						
	A6						
	A7						
	A8						

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JAN 29 2003  
Technology Center 2000

## FOREIGN PATENT DOCUMENTS

*EXAMINER INITIAL	Ref No	DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS
<i>4/5</i>	B1	0 0 3 3 4 8 0	06/08/2000	PCT	QUALCOMM INCORPORATED		
<i>9/5</i>	B2	1 0 6 9 7 0 3	01/17/2001	EP	Nortel Networks Limited		
	B3						
	B4						
	B5						

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Page, Etc.)

	C1	
	C2	
	C3	
EXAMINER	<i>[Signature]</i>	DATE CONSIDERED <i>11/30/09</i>
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

JC972 U.S. PTO  
09/803234  
03/08/01

In Re Application of )  
Paul E. Bender, et al. ) For: Method and Apparatus for Tracking  
 ) Signals in a Wireless  
 ) Communication System  
 )  
Application No. UNKNOWN )  
 )  
Filed: HEREWITH ) Group No. UNKNOWN

INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR § 1.97(b)

Assistant Commissioner of Patents  
Washington, D.C. 20231

Dear Assistant Commissioner:

Applicants, through their attorney, submit herewith references of which they are aware, which they believe may be material to the examination of this application and with respect to which there may be a duty to disclose in accordance with 37 CFR § 1.56.

I hereby certify that this correspondence is being deposited with the United States Postal Service as express mail in an envelope addressed to the Assistant Commissioner of Patents, Washington, D.C. 20231, on:

8 March 2001

(Date of Deposit)

Carola Emelius-Swartz

(Name of the Person Making Deposit)

*Carola Emelius-Swartz*  
(Signature)

8 March 2001

(Date of Signature)

While the references identified herein may be material to the examination of this application pursuant to 37 CFR § 1.56, the citation of these references is not intended to constitute an admission that any reference referred to herein is prior art to the invention of this application unless specifically designated as such.

The filing of this document shall not be construed to mean that any search has been made or, that if made such search was complete or exhaustive, or that no other material information as defined in 37 CFR § 1.56 exists.

A list of the references cited herein is set forth on Form PTO-1449 which is enclosed herewith in duplicate along with a copy of each cited reference. Applicants respectfully request that the Examiner return to Applicants the enclosed copy of the Form PTO-1449 indicating consideration of the references.

The subject application is believed patentable over any of the above-references.

Respectfully submitted,

Dated: 8 March 2001

By: Sandra L. Godsey  
Sandra L. Godsey  
Attorney for Applicants  
Reg. No. 42,589

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Encl.: 1. Form PTO 1449  
2. Copies of references cited on Form PTO-1449

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (REV. 7-80) PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. PA000421	SERIAL NO. UNKNOWN
INFORMATION DISCLOSURE			
STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT Paul E. Bender, et al.	
DATE MAILED: 8 March 2001		FILING DATE HEREWITH	GROUP UNKNOWN

JC972 U.S. PTO  
 09/803234  
 03/08/01

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	Ref No	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPRO- PRIATE
EB	A1	4 9 0 1 3 0 7	02/13/1990	Gilhousen, et al.			
JU	A2	5 1 0 3 4 5 9	04/07/1992	Gilhousen, et al.			
	A3						
	A4						
	A5						
	A6						
	A7						
	A8						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	Ref No	DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS
	B1						
	B2						
	B3						
	B4						
	B5						

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Page, Etc.)

EXAMINER JL	C1	R. Price, et al.: "A Communication Technique for Multipath Channels," PROCEEDINGS OF THE IRE, March 1958. (pages 555-570)
	C2	
	C3	
EXAMINER JL		DATE CONSIDERED 11/30/04

\*EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.